


06-22-05

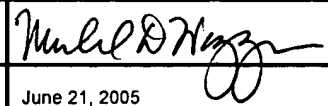
PTO/SB/21 (04-04)

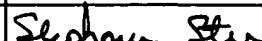
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 TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/664,290
	Filing Date	September 17, 2003
	First Named Inventor	Kenneth P. Dudek
	Art Unit	3747
	Examiner Name	Johnny H. Hoang
Total Number of Pages in This Submission	Attorney Docket Number	GP-302329

ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <p style="text-align: center;">return receipt postcard</p>		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Michael D. Wiggins
		Reg. No.	34,754
Signature			
Date	June 21, 2005		

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application No.: 10/664,290
Filing Date: September 17, 200
Applicant: Kenneth P. Dudek
Group Art Unit: 3747
Examiner: Johnny H. Hoang
Title: CYLINDER MASS FLOW PREDICTION MODEL
Attorney Docket: GP-302329

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed May 2, 2005, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 10 of this paper.